

1. (Previously presented) A polymeric composition consisting essentially of crosslinked AB diblocks, where A is a polyester unit derived from the polymerization of monomers selected from the group consisting of lactic acid, lactide, glycolic acid, glycolide,  $\beta$ -propiolactone,  $\epsilon$ -caprolactone,  $\delta$ -glutarolactone,  $\delta$ -valerolactone,  $\beta$ -butyrolactone, pivalolactone,  $\alpha,\alpha$ -diethylpropiolactone, ethylene carbonate, trimethylene carbonate,  $\gamma$ -butyrolactone, p-dioxanone, 1,4-dioxepan-2-one, 3-methyl-1,4-dioxane-2,5-dione, 3,3,-dimethyl-1-4-dioxane-2,5-dione, cyclic esters of  $\alpha$ -hydroxybutyric acid,  $\alpha$ -hydroxyvaleric acid,  $\alpha$ -hydroxyisovaleric acid,  $\alpha$ -hydroxycaproic acid,  $\alpha$ -hydroxy- $\alpha$ -ethylbutyric acid,  $\alpha$ -hydroxyisocaproic acid,  $\alpha$ -hydroxy- $\alpha$ -methyl valeric acid,  $\alpha$ -hydroxyheptanoic acid,  $\alpha$ -hydroxystearic acid,  $\alpha$ -hydroxylignoceric acid, salicylic acid and mixtures, thereof and B is a polyoxyalkylene polymer which is end-capped with a non-reactive group, said AB diblock being further reacted with one or more crosslinking agents to produce crosslinked diblock polymers.

2. (Original) The composition according to claim 1 wherein said non-reactive group is an alkyl, aryl, aralkyl, substituted alkyl, substituted aryl, substituted aralkyl, a protecting group or a -C=C- containing group.

3. (Original) The composition according to claim 2 wherein said non-reactive group is a C<sub>1</sub>-C<sub>12</sub> alkyl group.

4. Canceled.

5. Canceled.

6. (Original) The composition according to claim 1 wherein said polyester comprises poly(hydroxy carboxylic acid).

7. (Original) The composition according to claim 1 wherein said polyester is obtained from polymerization of an aliphatic hydroxycarboxylic acid or ester selected from the group consisting of L-lactic acid, D,L-lactic acid, glycolic acid, L-lactide, D,L-lactide, glycolide, caprolactone or mixtures thereof.

8-88. Canceled.

89. (Previously presented) The composition according to claim 2 wherein said non-reactive group is an optionally substituted alkyl group.

90. (Previously presented) The composition according to claim 89 wherein said non-reactive group is a methyl group.

91. (Previously presented) The composition according to claim 90 wherein said polyoxyalkylene polymer is a polyethyleneoxide polymer.

92. (Previously presented) The composition according to claim 1 wherein A is a polyester unit derived from the polymerization of lactide monomers.

93. (Currently amended) The composition according to claim ~~92~~ 2 wherein A is a polyester unit derived from the polymerization of lactide monomers.

The following claims are new:

94. (New) The composition according to claim 3 wherein A is a polyester unit derived from the polymerization of lactide monomers.

95. (New) The composition according to claim 89 wherein A is a polyester unit derived from the polymerization of lactide monomers.

96. (New) The composition according to claim 90 wherein A is a polyester unit derived from the polymerization of lactide monomers.

97. (New) The composition according to claim 91 wherein A is a polyester unit derived from the polymerization of lactide monomers.

98. (New) The composition according to claim 92 wherein said polyoxyalkylene polymer is a polyethyleneoxide polymer.

99. (New) The composition according to claim 93 wherein said polyoxyalkylene polymer is a polyethyleneoxide polymer.

100. (New) The composition according to claim 94 wherein said polyoxyalkylene polymer is a polyethyleneoxide polymer.

101. (New) The composition according to claim 95 wherein said polyoxyalkylene polymer is a polyethyleneoxide polymer.

102. (New) The composition according to claim 96 wherein said polyoxyalkylene polymer is a polyethyleneoxide polymer.